

Remarks/Arguments

Claims 1-20 are pending after entry of the present Amendment. Amendments were made to the claims to further clarify the inventions. The amendments do not introduce new matter.

Rejections under 35 U.S.C. section 103:

Claims 1-20 are rejected under U.S.C. 103(a), as being unpatentable over U.S. Patent No. 5,896,131 to Alexander further in view of the U.S. Patent No. 5,745,103 to Smith. In light of the amendments to claims 1, 8, and 15, the applicants respectfully request reconsideration of these rejections.

Claims 1, 8, and 15 have been amended to include the feature that an index of the reserved color, an index for the selected background color and an index for a displayed background color are stored within a single color table. Applicants respectfully submit that Alexander fails to teach or disclose this feature. In particular, Alexander is directed to a dual port that defaults to a first memory for display and retrieves data from a second memory when a programmed color is received (see summary). Furthermore, Alexander cannot be modified to include a single color table because the programmed color would be useless as this color is used for the selection signal between the first and second memories. Furthermore, Alexander would be required to be completely redesigned as the VRAM data is derived from the signal processing system, i.e., the oscilloscope, and the DRAM data is provided by the computer system (see figure 1).

Accordingly, amended independent claims 1, 8, and 15, and the respective dependent claims are respectfully submitted to be patentable under 35 U.S.C. section 103(a) over any combination of the cited prior art.

The Applicants respectfully submit that all of the pending claims are in condition for allowance. Accordingly, a notice of allowance is respectfully requested. If the Examiner has any questions concerning the present Amendment, the Examiner is requested to contact the undersigned at (408) 774-6921. If any additional fees are due in connection with filing this Amendment, the Commissioner is also authorized to charge Deposit Account No. 50-0805 (Order No. SUNMP009). A duplicate copy of the transmittal is enclosed for this purpose.

Respectfully submitted,
MARTINE PENILLA & GENCARELLA, LLP



Michael L. Gencarella, Esq.
Registration No. 44,703

710 Lakeway Drive, Suite 200
Sunnyvale, CA 94086
Telephone: (408) 774-6913
Facsimile: (408) 749-6901
Customer No. 32291